



Name : **DR. G. SURESH REDDY**

B.Tech(CSE),M.Tech(IT)., Ph.D(CSE)., MIEEE, MCSI, MISTE

Designation : Professor
Department : Information Technology
AICTE ID : 1-472780577
Date Of Birth : 23-03-1975
Mail id : sureshredy_g@vnrvjiet.in

Experience (in years): 25 , Teaching:24 (Research: 11), Others :1

1. Educational / Technical qualifications:

S.No	Level (UG / PG /Ph.D)	Year of passing	Specialization
1	Ph. D	2016	Computer Science and Engineering
2	M. Tech	2003	Information Technology
3	B. Tech	1998	Computer Science and Engineering
4	Intermediate	1992	MPC
5	Matriculation	1990	----

2. Teaching and Learning:

2.1. Teaching Interests:

- Computer Forensics and Cyber Security,
- Computer Organization,
- Advanced Computer Architecture,
- Advanced Computing Concepts,
- C Programming,
- Data Structures,
- Data Mining,
- Information Retrieval Systems,
- Operating Systems,
- Scripting Languages.

2.2 Novel Teaching & Learning Techniques adopted:

- POGIL, WIT/WIL.

2.3 Involvement in curriculum updating / Design:

- BOS Member for IT Department

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

1. To Improve work efficiency and good attitude towards work in organization.
2. To play Cricket, Shuttle, Table Tennis, and basketball.

3.2. CCA/ECA Organized:

1. Conducted Technical Fest in IT Dept. "Convergence-2k19" at Campus, 2019
2. Conducted Technical Fest in IT Dept. "Convergence-2k18" at Campus, 2018
3. Conducted Technical Fest in IT Dept. "Convergence-2k17" at Campus, 2017 and Convener of sintillashunz-2017
4. Conducted Technical Fest in IT Dept. "Convergence-2k16" at Campus, 2016
5. Conducted Technical Fest in IT Dept. "Convergence-2k15" at Campus, 2015
6. Conducted Technical Fest in IT Dept. "Convergence-2k14" at Campus, 2014
7. Conducted Technical Fest in IT Dept. "Convergence-2k13" at Campus, 2013.
8. Conducted Technical Fest in IT Dept. "Convergence-2k12" at Campus, 2012
9. Conducted 3-Day Workshop on "Virtual Reality and Multimedia" at Campus, 2009.
10. Conducted 2-Day Workshop on "Data mining and Data Ware housing" at Campus, 2008.

3.3. CCA/ECA participated:

1. Coordinating in "VGLUG", an open source O.S.
2. Conducted IACC 2017 Conference.
3. Conducted International conference on Data Sciences 2014.
4. Coordinating in Campus Network Control System.
5. Coordinating in Campus Antivirus, Hardware and Software Maintenance, CC Cameras, Digital Signage and Video Conferencing.

3.4. Counseling and Mentoring Activity:

1. Counseling and mentoring the students of IT department.

3.5. Committees involved in:

Department level: BOS, DAC, DDC.

Institute Level: Discipline Committee, Network Committee.

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

- Conducted 3 Guest lectures, 2 workshop, 8 Webinars for UG and PG on various advance topics of Information Technology July-March-2022.
- Conducted 5 Guest lectures, 3 workshop, 12 Webinars for UG and PG on various advance topics of Information Technology July-March-2021.
- Conducted 11 Guest lectures, 5 workshop, 8 Webinars for UG and PG on various advance topics of Information Technology July-March-2020.
- Conducted 8 Guest lectures, 2 workshop, 4 Webinars for UG and PG on various advance topics of Information Technology July-March-2019
- Conducted 11 Guest lectures, 2 workshop, 6 Webinars for UG and PG on various advance topics of Information Technology July-March-2018.
- Conducted 14 Guest lectures, 1 workshop, 6 Webinars for UG and PG on various advance topics of Information Technology July-March-2017.
- Conducted 12 Guest lectures, 2 workshops, 5 Webinars for UG and PG on various advance topics of Information Technology July-March-2016

- Conducted 9 Guest lectures for UG and PG on various topics of Information Technology Jan-July-2015.
- Conducted International Conference on Data Sciences, Dept. of Information Technology, VNRVJIET, Feb-2014.
- Conducted Faculty Development Program on Cloud Computing, Dept. of Information Technology, VNRVIET, June-2013.
- Conducted one day workshop on Record Management System with J2ME at Dept. of IT, VNRVIET by Prof. Ramamurthy JNTUH, 28-Sep-2012.
- Conducted a 3 day workshop on week at Dept. of IT, VNRVIET, Feb-2012.
- Conducted Faculty Development Program on Information Security and Network Management, at Dept. of IT, VNRVIET, June-2011.
- Conducted a 3day workshop on "Network Management System" during Jan 27th-29th to faculty of Various Engineering college, the resource persons: from SIEMENS and IIIT, HCU, Hyderabad, 2010.
- Conducted a 2 week workshop on "Wi-Fi Networking" during Nov 12th-28th to faculty and staff of VNRVJIET, The resource person: SIEMENS, Hyderabad, 2010.
- Conducted a short course on "Modeling Techniques in Virtual Reality and Multimedia Action Script" during Sep 6th -7th 2009 for faculty and students of various Eng. Colleges in and around Hyderabad, The resource person: Arena Multimedia, Hyderabad.
- Conducted a 2 day short term course on "Data Warehousing and Data Mining" during March 16th -18th 2009 for faculty and students of various engineering Colleges in and around Hyderabad. The resource person: Dr. Krishna Reddy, IIIT, Hyderabad.
- Conducted a short-term course on "BIO-INFORMATICS", for faculty and students of various eng. Colleges in and around Hyderabad during FEB 18 -19, 2008.The resource person: Dr E .J. Rajan, Pentagaram Research Centre, Hyd.
- Conducted a short-term course on "Web Technologies", for faculty and students of various engineering Colleges in and around Hyderabad during March 23-24, 2007.The resource person: Mr. HariBabu, Infosys, Hyd.
- Conducted a short-term course on "Linux", for faculty and students of various Engineering Colleges in and around Hyderabad during March 16-18, 2006.The resource person: Mr.HariBabu, Infosys, Hyd.

4.2 Attended:

- Attend 2 week STP on "Deep Learning Techniques" at VNRVJIET,Hyd, August16th August29th 2021.
- Attend 4 day workshop on "Cyber Security" at VNRVJIET, Hyd, June 9th-June 12th 2020
- Attend 1 day webinar on " Data Science" at VNRVJIET, Hyd, June 18th 2020.
- Attend 3 day workshop on " ICT" at VNRVJIET, Hyd, July 6th – July 10th 2020
- Participated in 2 Day Project Expo conducted by IIIT,Hyd, Feb. 23rd -24th 2019.
- Participated in 2 Day Project Expo conducted by IIIT, Hyd, Feb.17th -18th 2018.
- Participated in 1 Day Seminar on Azure Technology at Microsoft ,Hyd on 11th November 2017.
- Participated in TEQIP-II Management Capacity Enhancement Programme, conducted at IIM Triuchirappalli, held from 18th to 22nd Januvary,2016.
- Attended 1 day workshop "Spark" in the month of April at Infosys, 2015, Hyd.
- Participated in seminar on remote Internship for UG Students of VNRJIET in the month of July at TCS, Hyd. 2014.

- Participated in Enhance Edu (technical seminar) at IIIT-Hyderabad, March-2013
- Attended 3 day workshop on “Advanced Topics in Text and Web Mining” in the month of April at IIIT, Hyderabad, 2013.
- Participated in Enhance Edu (technical seminar) at IIIT-Hyderabad, November- 2012.
- Participated in Enhance Edu (technical seminar) at IIIT-Hyderabad, November- 2011.
- Participated in Web Mining Workshop at JNTUH.Feb-2011.
- Participated in the “Advanced Trends in Web mining and Data warehousing “Held at JNTUH, Oct-2010.
- Participated in the “14th Pacific Asia Conference on Knowledge discovery and Data Mining “, held at IIIT, June-2010.
- Attended 2 days workshop “Spark” in the month of Feb at Infosys, 2009, Hyd.
- Attended 2 week short term course on “Data mining and Data warehousing” in the month of July at NIT warangal.2008.
- Attended 2 week short course on “Information Security” in the month of December at NIT warangal.2008.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: 09

5.2. Articles/Chapters published in Books: 03

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided

a) UG: 24

b) PG: 08

5.5. Research Interests:

- Data Mining and Data Ware Housing
- Text Mining
- Web Mining
- Grid Computing
- Software Engineering
- Computer forensics and Cyber security

5.6. Ph.D students:

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol. No & Pages	ISBN / ISSN No.	Impact Factor/ Citation Index	National/ International
1	Intrusion detection System using Random Forest Approach	<i>Turkish Journal of Computer and Mathematics Education</i> Vol.13 No.02 (2022), 725-733	e-ISSN 1309- 4653	0.28	International Journal 2022

2	Challenge Paper: The Vision for Time Profiled Temporal Association Mining	Journal of Data and Information Quality (JDIQ) Vol:13,Issue 2,1-8 pages	ISSN:1936- 1955 EISSN:1936- 1963	2.89	International Journal 2021
3	Machine Learning for Data Mining, Data Science and Data Analytics	Recent Advances in Computer Science and Communications Vol:14, issue:5,1356-1357.	ISSN:2666- 2558	0.76	International Journal 2021
4	A Tool For Malware And Malicious URL Classification (MAMUC)	Turkish Journal of Computer and Mathematics Education Vol 12,issue 14,3236-3246 pages	e-ISSN 1309- 4653	0.33	International Journal 2021
5	An Evolutionary Feature Clustering Approach for Anomaly Detection Using Improved Fuzzy Membership Function	Computer and Electrical Engineering, Elsevier. Special issue on New Trends in Data Mining, Games Engineering and Database Systems	0045-7906	1.03 (JCR Reports 2015, Thomson Reuters) SCIE, Web of Science, SCOPUS	International Journal, 2017
6	A Self Feature Constructing Based Approach for Anomaly Detection	Future Generation Computer Systems, Elsevier. SI: Data Privacy in IoT Era	0167-739X	2.43 (JCR Reports 2015, Thomson Reuters) SCIE, Web of Science, SCOPUS	International Journal,1 st online- 2017
7	A Soft Similarity Measure for k- Means Based High Dimensional Document Clustering	IADIS IJCSIS International Journal of Computer Science and Information Systems	1646-3692	Indexed in Thomson Reuters Web of Science, ESCI, Web of Science, SCOPUS	International Journal Vol:12, No:1,Pages: 14-24, March 2017
8	A Text Similarity Measure for Document	IADIS IJCSIS International Journal of Computer Science and Information	1646-3692	Indexed in Thomson Reuters Web of	International Journal Vol:12, No:1,Pages:

	Classification	Systems		Science, ESCI, Web of Science, SCOPUS	86-106, March 2017
9	An Improved Similarity Measure for Text Clustering and Classification	American Scientific Publisher— Advanced Science letters	ISSN: 1936-6612 (Print)	(SCI-Thomson Reuters Indexed). 1.25 2010	International Vol21, Nov 2015
10	Text Document Clustering and Classification using Improved Similarity Measure	International Journal of Computer Science and Information Security (IJCSIS) Special Issue Feb 2016	ISSN: 1947-5500	(ISI-Thomson Reuters Indexed)	International (Special Issue Feb. 2016.)
11	Text Clustering Using Incremental Frequent Patterns Mining approach	International Journal of Data Mining & Knowledge Management Process, IJDKP-Sep-2016.	ISSN: 2230-9608(online), 2231-007X (print).	Impact factor:1.5	International-Vol-5, 2015.
12	Strategies for designing and building reusable Software components	International Journal of Graphics & Image processing	ISSN: 1687-398X	Impact factor:1.5	International (Vol.2 Issue 4, Oct 2011.)
13	An Impudent approach for intelligent data mining using rough set theory,	International Journal of software Engineering	ISSN: 1687-6954	Impact factor: 1.0	International (Vol.2 , 2011, pg: 1-10)
14	A Comparative Study on Manual and Automated System for Wireless Networks	Journal of Theoretical and Applied Information Technology	ISSN 1992-8645	Scopus Index: H -Index-7	International (vol-11, 2010, pp: 43-50)
15	Drag and Drop: Influences on the Design of Reusable Software Components	International Journal on Computer Science and Engineering	ISSN: 2319-7242	Impact factor: Nil	International (Vol-02, 2010, pp: 2386-2393.)

16	Hypothetical Description for Intelligent Data Mining	International Journal on Computer Science and Engineering	ISSN: 2319-7242	Impact factor: Nil	International (Vol-02, 2010, pp: 2349-2352.)

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	Indexing	National/ International	Period
1	Evolutionary Approach for Intrusion Detection	IEEE-ICEMIS-2017	IEEE, SCOPUS	International	Aug 2 nd -4 th ,2017
2	Dimensionality Reduction Approach for High Dimensional Text Documents	IEEE-ICEMIS-2016 International Conference on Engineering & MIS	IEEE, SCOPUS	International	Sep 22 nd -24 th ,2016
3	Clustering and classification of Text Documents using Improved Similarity Measures	DoCCON-2016 ACM Doctoral Conference	SCOPUS	National Pre-event of ACM ICTCS-2016	March 3 rd , 2016
4	Design and Analysis of Novel Similarity Measure for Clustering and Classification Of High Dimensional Text Documents	ACM-International Conference on Computer Systems and Technologies (CompSysTech-2014,Europe)	ACM-DL, SCOPUS, DBLP, PubMed	International	July 9-11, 2014.
5	A frequent Based Text Clustering Approach using Novel Similarity Measure	IEEE-International Adv. Computing Conference (IACC-Delhi-2014)	IEEE, PubMed SCOPUS	International	Feb 13-15, 2014.
6	Text Clustering Using Frequent Patterns and Jaccard	Elsevier- International Conference on Advanced Computing Methodologies(ICAC	Elsevier	International	Aug 11-13, 2013

	Dissimilarity Function	M-2013,Hyderabad)			
7	Hasty Computing to Access Internet Using GRID Technology	National Conference on Recent Advancement in Computing (2006-Combaitore)	-----	National	Dec 21 st – 22 nd 2006, SKCET, Coimbatore, Vol -1 ,pp: 197-202

Book Chapter:

S.No	Title of the Paper	Names of the Conference/Seminar	Indexing	National/ International	period
1	Artificial Intelligence-Based Automatic Evaluation Engine	Smart Computing Techniques and Applications	Springer	International	16 th -17 th Sep 2021, Vasavi college of Engg.Hyd. Vol,PP:159-169
2	Software-Defined Industrial IoT for Smart City Applications	Software-Defined Networking for Future Internet Technology	Apple Academic Press	International	First edition published 2022, Vol.1,PP:237-253
3	Software-Defined Network and Network function Virtulization: A Comparitve Study.	Software-Defined Networking for Future Internet Technology	Apple Academic Press	International	First edition published 2022, Vol.1,PP:255-276

5.9 Consultancy Projects: Nil

5.10. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Design and Development of Efficient Clustering Algorithm for Text Documents	UGC MINOR	2015-2016	Rs1,05,000/-	Completed

5.11 Others (MODROBS)

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1	Advance Networks	AICTE	2009-2010	10,00000	Completed
2	Machine Learning Research Center	AICTE	2021-2022	8,24,935	Completed

Patents

S.No	Title	Patent No	Published/Grant Year
1	System and Method for Dignosis of Diseases from Medical Images.	Australia Patent No:2021100026	Granted 10 March 2021
2	System and Method for Dignosis of Diseases from Medical Images.	India Patent No:387074	Granted 14 th May 2020
3	Crowdfunding: Trusted Crowd Funding Platform Using a Smart Contract and AI-Based Management System.	India Application no: 202141052903	Published, 2021

6. Awards / Honors received:

- Best Paper Award: “Design and Analysis of Novel Similarity Measure for Clustering and Classification of High Dimensional Text Documents” in the Proceedings of 15th ACM-International Conference on Computer Systems and Technologies (CompSysTech-2014), pg:1-8,2014, Ruse, Bulgaria, Europe.
- Doctoral Conference: Selected for prestigious doctrol Conference held on March 3rd 2016 at JanardanRai Nagar RajasthanVidyapeeth (Deemed University), in collaboration with CSI and ACM, presented research proposal “Clustering and Classification of text documents using improved similarity measure”.

7. Motto:

Work is Worship & Efficiency is Divine Vision